



Super Activated Carbon Nanoparticles and Carbon Nanotubes Mixed PRODUCT DATA SHEET

Super Activated Carbon Nanoparticles and Carbon Nanotubes Mixed

Description

Carbon nanotubes are simple substances composed of carbon atoms and can be regarded as hollow tubular structures formed by the curling of graphene. On the surface of carbon nanotubes, the carbon atoms are bonded to each other in the form of sp^2 hybrid orbitals, which are arranged as hexagonal graphite layers. In theory, this regular hexagonal structure is perfectly evenly distributed over the entire surface of the carbon nanotubes. Topologically, the common structure and properties of graphene and carbon nanotubes are one of the important factors for their similarity. Super Activated Carbon Nanoparticles and Carbon Nanotube Mixed is a supercapacitor carbon nanotube composite electrode material--It is easy to be dispersed.

Abvigen offers high quality super activated carbon nanoparticles and carbon nanotubes mixed. The product has high repeatability between batches, which can meet the needs of various customers for personalized materials such as research and development, testing and production.

For custom sizes, formulations or bulk quantities please contact our customer service department.

Website: www.abvigen.com **Phone:** +1 929-202-3014 **Email:** info@abvigenus.com

Characteristics

Type: Super Activated Carbon Nanoparticles and Carbon Nanotubes Mixed

Size: 5 g

Carbon Nanotube

Outside diameter (D50): 30-100 nm

Length: 5-30 μ m

SSA: > 100 m^2/g

Activated Carbon Nanoparticles



APS: 80 nm

Appearance: Black Powder

PH value: 5-8

Advantages

- 1) It is a supercapacitor carbon nanotube composite electrode material
- 2) Super capacity characteristics
- 3) Excellent high power characteristics
- 4) Powerful iodine adsorption capability
- 5) Powerful specific surface area

Applications

Super-capacitor device and in military industry, aviation and aerospace, textile, rubber, functional materials, chemical industry, food, pharmaceutical, electronics technology, environmental protection, etc.

Storage Conditions

Damp reunion will affect its dispersion performance and using effects, therefore, this product should be sealed in vacuum and stored in cool and dry room and it should not be exposure to air. In addition, the product should be avoided under stress.

Ordering Information

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